

June 24, 1986

TO: File

FROM: Lynn Kunzler, Reclamation Biologist

RE: Field Visit to S W Portland Cement, Leamington Plant and Navajo Sandstone Quarry, ACT/023/010, Juab County, Utah

On June 18, 1986, Reclamation Biologist Lynn Kunzler met with Bob Feaman and Gary Smith on site to review past reclamation work at Leamington to determine whether revegetation would be successful without the use of mulch.

The first site was located on the "Active Mine" side of highway 132 on an island between access and haul roads. Most of the site was near level, however, the lower outslope was approaching 2:1 slopes. The area had been seeded ca. 4 years ago and a good stand of Intermediate wheatgrass, Crested wheatgrass and Alfalfa was established. Vegetation cover was 40-50% with a high amount of litter established.

The second site was located on the "office" side of Hwy 132 and had been seeded mid May, 1986. Very little was growing perhaps due to seeding too late.

On both sites careful attention was given to any signs of erosion since mulch was not used. Excelorated erosion was essentially non-existent.

The Navajo Sandstone Quarry was also visited. Of interest, the two drainages had been reworked so that they were no longer obstructed. Also, vegetation (volunteer) was growing on the exposed slope (ca. 2:1) with minimal signs of erosion.

Based on the non-erosive nature of the soils observed and the level of revegetation achieved, mulch should not be necessary to establish vegetation on slopes less than 2h:1v.

jvb  
cc: Bob Feaman  
Marv Berg  
Dave Wamm

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